

Amendments to the Claims

Please amend Claim 50 to read as follows.

Claims 1-34 (Cancelled).

35. (Previously Presented) An image processing apparatus comprising:
an image capture unit adapted to capture an image;
a resizing unit adapted to resize the captured image and output a resized
image;
a memory unit adapted to store the resized image;
a first conversion unit adapted to convert the resized image stored in said
memory unit into an RGB image; and
a second conversion unit adapted to convert the RGB image output from
said first conversion unit into a plurality of serial data,
wherein said second conversion unit is adapted to convert the RGB image
into two or four serial data.

36. (Previously Presented) An image processing apparatus comprising:
an image capture unit adapted to capture an image;
a resizing unit adapted to resize the captured image and output a resized
image;

a memory unit adapted to store the resized image;

a first conversion unit adapted to convert the resized image stored in said memory unit into an RGB image; and

a second conversion unit adapted to convert the RGB image output from said first conversion unit into a plurality of serial data,

wherein said second conversion unit is adapted to convert the RGB image into dot sequential data before the RGB image is converted into the plurality of serial data.

37. (Previously Presented) An image processing apparatus according to Claim 36, further comprising:

a display unit adapted to display an RGB image using the plurality of serial data output from said second conversion unit.

38. (Previously Presented) An image processing apparatus according to Claim 35, further comprising:

a display unit adapted to display an RGB image using the plurality of serial data output from said second conversion unit.

39. (Previously Presented) An image processing apparatus according to Claim 35, wherein the resized image is a YUV image.

40. (Previously Presented) An image processing apparatus for processing an inputted image, said apparatus comprising:

- a first resizing unit adapted to resize the inputted image and output a resized image;
- a memory unit adapted to store the resized image;
- a second resizing unit adapted to further resize the resized image stored in said memory unit and output a further resized image;
- a first conversion unit adapted to convert the further resized image into an RGB image;
- a second conversion unit adapted to convert the RGB image into a plurality of serial data; and
- a third conversion unit adapted to convert the resized image stored in said memory unit into an image for a TV monitor.

41. (Previously presented) An image processing apparatus according to Claim 40, wherein said second conversion unit is adapted to convert the RGB image into two or four serial data.

42. (Previously Presented) An image processing apparatus according to Claim 40, further comprising:

a display unit adapted to display an RGB image using the plurality of serial data output from said second conversion unit.

43. (Previously presented) An image processing apparatus according to Claim 40, wherein the inputted image is a YUV image.

44. (Previously Presented) An image processing apparatus according to Claim 40, further comprising:

an image capture unit adapted to capture the inputted image; and

a display unit adapted to display an RGB image using the plurality of serial data output from said second conversion unit.

Claim 45 (Canceled).

46. (Previously Presented) An image processing apparatus comprising:

an image capture unit adapted to capture an image;

a resizing unit adapted to resize the captured image and output a resized image;

a memory unit adapted to store the resized image;

a first conversion unit adapted to convert the resized image stored in said memory unit into an image for a TV monitor; and

a second conversion unit adapted to convert the image for the TV monitor output from said first conversion unit into a plurality of serial data,

wherein said second conversion unit is adapted to convert image for the TV monitor into two or four serial data.

47. (Previously Presented) An image processing apparatus according to Claim 46, wherein the resized image is a YUV image.

Claims 48 and 49 (Cancelled).

50. (Currently Amended) An image processing apparatus comprising;
an image capture unit adapted to capture an image;
a first resizing unit adapted to resize the captured image and output a resized image;

a memory unit adapted to store the resized image;
a first conversion unit adapted to convert the resized image stored in said memory unit into an RGB image;

a second resizing unit adapted to resize the RGB image and output the resized RGB image serially; and

a second conversion unit adapted to convert the RGB image into dot sequential data before the RGB image is resized by said second resizing unit.

51. (Previously Presented) An image processing apparatus according to Claim 50, further comprising:

a display unit adapted to display the resized RGB image output from said second resizing unit.

52. (Previously Presented) An image processing apparatus according to Claim 50, wherein the resized image is a YUV image.

Claims 53 and 54 (Cancelled).

55. (Previously Presented) An image processing apparatus according to Claim 50, further comprising:

a third conversion unit adapted to convert the resized image stored in said memory unit into an image for a TV monitor.

56. (Previously Presented) An image processing apparatus for processing an inputted image, said apparatus comprising:

a resizing unit adapted to resize the inputted image and output a resized image;

a memory unit adapted to store the resized image;

a first conversion unit adapted to convert the resized image stored in said memory unit into an RGB image; and

a second conversion unit adapted to convert the RGB image output from said first conversion unit into a plurality of serial data,

wherein said second conversion unit is adapted to convert the RGB image into two or four serial data.

57. (Previously Presented) An image processing apparatus for processing an inputted image, said apparatus comprising:

a resizing unit adapted to resize the inputted image and output a resized image;

a memory unit adapted to store the resized image;

a first conversion unit adapted to convert the resized image stored in said memory unit into an RGB image; and

a second conversion unit adapted to convert the RGB image output from said first conversion unit into a plurality of serial data,

wherein said second conversion unit is adapted to convert the RGB image into dot sequential data before the RGB image is converted into the plurality of serial data.

58. (Previously Presented) An image processing apparatus for processing an inputted image, said apparatus comprising:

a resizing unit adapted to resize the inputted image and output a resized image;

a memory unit adapted to store the resized image;

a first conversion unit adapted to convert the resized image stored in said memory unit into an image for a TV monitor; and

a second conversion unit adapted to convert the image for the TV monitor output from said first conversion unit into a plurality of serial data,

wherein said second conversion unit is adapted to convert the image for the TV monitor into two or four serial data.

59. (Previously Presented) An image processing apparatus for processing an inputted image, said apparatus comprising:

a first resizing unit adapted to resize the inputted image to provide a resized image;

a memory unit adapted to store the resized image;

a first conversion unit adapted to convert the resized image stored in said memory unit into an RGB image;

a second resizing unit adapted to resize the RGB image and output the resized RGB image serially; and

a second conversion unit adapted to convert the RGB image into dot sequential data before the RGB image is resized by said second resizing unit.

60. (Previously Presented) An image processing apparatus according to Claim 36, wherein the resized image is a YUV image.

61. (Previously Presented) An image processing apparatus according to Claim 56, further comprising:

a display unit adapted to display an RGB image using the plurality of serial data output from said second conversion unit.

62. (Previously Presented) An image processing apparatus according to Claim 56, wherein the resized image is a YUV image.

63. (Previously Presented) An image processing apparatus according to Claim 57, further comprising:

a display unit adapted to display an RGB image using the plurality of serial data output from said second conversion unit.

64. (Previously Presented) An image processing apparatus according to Claim 57, wherein the resized image is a YUV image.

65. (Previously Presented) An image processing apparatus according to Claim 58, wherein the resized image is a YUV image.

66. (Previously Presented) An image processing apparatus according to Claim 59, further comprising:

a display unit adapted to display the resized RGB image output from said second resizing unit.

67. (Previously Presented) An image processing apparatus according to Claim 59, wherein the resized image is a YUV image.

68. (Previously Presented) An image processing apparatus according to Claim 59, further comprising:

a third conversion unit adapted to convert the resized image stored in said memory unit into an image for a TV monitor.